

**North Dakota 2D Barcode Specifications**  
**Individual Income Tax Returns**  
**Tax Year 2005**

Standards for this document:

1. All changes to the specs are listed in red
2. If your software gives practitioners or individuals the ability to turn the printing of the 2-D barcode on or off, your default must be set to ON.
3. Use a carriage return as the delimiter (<CR>)
4. The Developer codes will follow the list maintained by NACTP. If you do not have a developer code assigned to your company, please contact the President of NACTP at [president@nactp.org](mailto:president@nactp.org).
5. Only include a hyphen when there is a negative dollar amount to report.
6. Do not include hyphens within Federal ID numbers.
7. Do not include commas or decimals within the currency amounts.
8. There can be multiple occurrences of the Schedule ND-1CR. We have written the code to include up to 4.
9. There are 10 occurrences available for W-2s. There are 10 occurrences available for W-2Gs. There are 5 occurrences available for 1099s.
10. The format for each field is identified in the following manner:
  - a. A – alpha data
  - b. N – numeric data
  - c. AN – alpha-numeric data
  - d. NV – the field includes 2 decimal places. Do not include the decimal point.
    - i. Example - \$145.00 should be entered as 14500
  - e. (9) – number of characters for each type of data
  - f. If anything is in a quotation mark that is the answer we are expecting, and no other characters.
11. The Error Correction level is to be set at Level 4.
12. The field total for these specs is 1,454 characters.
13. **Please submit only those returns that your software supports. The return scenarios are setup to specifically test different forms.**

Exceptions to the following specifications:

1. Composite returns – these are usually filed by a partnership or corporation. Enter the entire name in the Last Name field. Our system will allow up to 40 characters.

Contact person for 2D Barcode specs:

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Tax Item identifier	Source	Location	Description	Format	Size of field
1			Header version number	"T1"	2
2			Developer code from NACTP list	PIC N (4)	4
3			Jurisdiction	PIC "ND"	2
4			Description – Form type & year	PIC "ND12005"	7
5			Specification Version	PIC N (2)	2
6			Software/Form Version	PIC N (2)	2
7	ND-1, P1	H	Primary Taxpayer first name & initial	PIC AN (17)	17
8	ND-1, P1	H	Primary Taxpayer last name	PIC AN (35)	35
9	ND-1, P1	H	Spouse first name & initial (only for Filing Status = MFJ)	PIC AN (17)	17
10	ND-1, P1	H	Spouse last name(only for Filing Status = MFJ)	PIC AN (35)	35
11	ND-1, P1	H	Taxpayer SSN	PIC N (9)	9
12	ND-1, P1	H	Spouse SSN	PIC N (9)	9
13	ND-1, P1	H	Additional Address (c/o addresses go here)	PIC AN (35)	35
14	ND-1, P1	H	Address – <b>always main address</b>	PIC AN (35)	35
15	ND-1, P1	H	City – include Canadian Province here, if present	PIC AN (28)	28
16	ND-1, P1	H	State	PIC A (2)	2
17	ND-1, P1	H	Zip	PIC AN (9)	9
18	ND-1, P1	H	ND Filing status - Single	PIC A (1) "X" or blank	1
19	ND-1, P1	H	ND Filing status – Married filing joint	PIC A (1) "X" or blank	1
20	ND-1, P1	H	ND Filing status – Married filing separately	PIC A (1) "X" or blank	1
21	ND-1, P1	H	ND Filing status – Head of Household	PIC A (1) "X" or blank	1
22	ND-1, P1	H	ND Filing status – Qualifying widow(er)	PIC A (1) "X" or blank	1
23			Reserved for Future Use		
24			Reserved for Future Use		
25			Reserved for Future Use		
26	ND-1, P1	H	School district code	PIC N (5)	5
27	ND-1, P1	H	Income source code	PIC N (2)	2
28	ND-1, P1	H	Amended return	PIC A (1) "X" or blank	1
29	ND-1, P1	H	Extension	PIC A (1) "X" or blank	1
30	ND-1, P1	H	Fiscal filer ending date	PIC N (8) MMDDYYYY	8
31	ND-1, P1	H	"Were you required to pay estimated federal income tax?"	PIC A (1) "X" = Yes or blank = No	1
32	ND-1, P1	H	Composite Return	PIC A (1) "X" or blank	1
33	ND-1, P1	Line E	Federal AGI	PIC NV (11)	11
34	ND-1, P1	Line 1	Federal taxable income	PIC NV (11)	11
35	ND-1, P1	Line 2	Lump-sum distribution from Federal Form 4972	PIC NV (11)	11
36	ND-1, P1	Line 3	Loss from pass-through entity subject to Financial Institution tax	PIC NV (11)	11
37	ND-1, P1	Line 4	Adjustment to federal taxable income if claiming planned gift credit (Schedule PG Line 13)	PIC NV (11)	11
38	ND-1, P1	Line 6	Interest from US Obligations	PIC NV (11)	11
39	ND-1, P1	Line 7	Net long-term capital gain exclusion	PIC NV (11)	11
40	ND-1, P1	Line 8	Exempt income of a Native American	PIC NV (11)	11
41	ND-1, P1	Line 9	Benefits received from USRRB	PIC NV (11)	11
42	ND-1, P1	Line 10	Income from pass-through entity subject to FI tax	PIC NV (11)	11
43	ND-1, P1	Line 11	Renaissance zone income exemption	PIC NV (11)	11
44	ND-1, P1	Line 12	New and expanding business income exemption	PIC NV (11)	11
45	ND-1, P1	Line 13	National Guard/Reserve member exclusion for federal active duty outside North Dakota	PIC NV (11)	11
46	ND-1, P1	Line 14	Nonresident only: Servicemember Civil Relief Act adjustment	PIC NV (11)	11
47	ND-1, P1	Line 15	Human Organ Donor Expense	PIC NV (11)	11
48	ND-1, P1	Line 16	ND Taxable income	PIC NV (11)	11

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Tax Item identifier	Source	Location	Description	Format	Size of field
49	ND-1, P1	Line 17	ND income tax	PIC NV (11)	11
50	ND-1, P2	Line 19	Credit for income tax paid to another state	PIC NV (9)	9
51	ND-1, P2	Line 20	Family member care credit	PIC NV (9)	9
52	ND-1, P2	Line 21	Renaissance zone credit	PIC NV (11)	11
53	ND-1, P2	Line 22	Agricultural commodity processing facility investment credit	PIC NV (11)	11
54	ND-1, P2	Line 23	Qualified business seed capital investment credit	PIC NV (11)	11
55	ND-1, P2	Line 24	Credit for planned gift to qualified North Dakota nonprofit organization (Sch PG, Line 7)	PIC NV (11)	11
56	ND-1, P2	Line 25	Credit for biodiesel fuel supplier	PIC NV (11)	11
57	ND-1, P2	Line 26	Credit for biodiesel fuel seller	PIC NV (11)	11
58	ND-1, P2	Line 27	Net tax liability	PIC NV (11)	11
59	ND-1, P2	Line 28	ND withholding	PIC NV (9)	9
60	ND-1, P2	Line 29	Estimated payments	PIC NV (9)	9
61	ND-1, P2	Line 31	Overpayment	PIC NV (9)	9
62	ND-1, P2	Line 32	\$ of overpayment to apply to 2006 estimated payments	PIC NV (9)	9
63	ND-1, P2	Line 33	Voluntary contribution to Watchable Wildlife Fund	PIC NV (9)	9
64	ND-1, P2	Line 34	Voluntary contribution to Trees for ND Program Trust Fund	PIC NV (9)	9
65	ND-1, P2	Line 35	Refund	PIC NV (9)	9
66	ND-1, P2		Routing number for Direct Deposit	PIC N (9)	9
67	ND-1, P2		Account number for Direct Deposit	PIC AN (17)	17
68	ND-1, P2		Deposit account is a Checking acct	PIC A (1) "X" or blank	1
69	ND-1, P2		Deposit account is a Saving acct	PIC A (1) "X" or blank	1
70	ND-1, P2	Line 36	Tax due	PIC NV (9)	9
71	ND-1, P2	Line 37	Voluntary contribution to Watchable Wildlife Fund	PIC NV (9)	9
72	ND-1, P2	Line 38	Voluntary contribution to Trees for ND Program Trust Fund	PIC NV (9)	9
73	ND-1, P2	Line 40	Interest on underpaid estimated tax	PIC NV (9)	9
74	ND-1, P2		Taxpayer's daytime telephone number	PIC N (10)	10
75	ND-1, P2		Paid Preparer's EIN/SSN/PTIN	PIC AN (9)	9
76	ND-1NR		Primary Taxpayer Residency Status - Full Year Resident	PIC A (1) "X" or blank	1
77	ND-1NR		Primary Taxpayer Residency Status - Full Year NonResident	PIC A (1) "X" or blank	1
78	ND-1NR		Primary Taxpayer Residency Status - Part Year Resident	PIC A (1) "X" or blank	1
79	ND-1NR		Spouse's Residency Status - Full Year Resident	PIC A (1) "X" or blank	1
80	ND-1NR		Spouse's Residency Status - Full Year NonResident	PIC A (1) "X" or blank	1
81	ND-1NR		Spouse's Residency Status - Part Year Resident	PIC A (1) "X" or blank	1
82	ND-1NR	Line 16	North Dakota source income	PIC NV (11)	11
83	ND-1NR	Line 17	Modified Federal AGI	PIC NV (11)	11
84	ND-1NR	Line 19	ND Tax from ND-1, line 16	PIC NV (11)	11
85	ND-1NR	Line 20	Tax to be carried to ND-1, line 17	PIC NV (11)	11
86	ND-1CR#1	Line 1c	Portion of Federal AGI for ND	PIC NV (11)	11
87	ND-1CR#1	Line 2	Amount from Line 2	PIC NV (11)	11
88	ND-1CR#1	Line 5	Proportional amount of tax	PIC NV (9)	9
89	ND-1CR#1	Line 6	Income tax from other state	PIC NV (9)	9
90	ND-1CR#1	Line 7	Credit for Full-year residents	PIC NV (9)	9
91	ND-1CR#1	Line 8	Portion of federal AGI for other state	PIC NV (11)	11
92	ND-1CR#1	Line 10	Proportional amount of tax from other state	PIC NV (9)	9
93	ND-1CR#1	Line 11	Credit for Part-year residents	PIC NV (9)	9
94	ND-1CR#2	Line 1c	Portion of Federal AGI for ND	PIC NV (11)	11
95	ND-1CR#2	Line 2	Amount from Line 2	PIC NV (11)	11

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Tax Item identifier	Source	Location	Description	Format	Size of field
96	ND-1CR#2	Line 5	Proportional amount of tax	PIC NV (9)	9
97	ND-1CR#2	Line 6	Income tax from other state	PIC NV (9)	9
98	ND-1CR#2	Line 7	Credit for Full-year residents	PIC NV (9)	9
99	ND-1CR#2	Line 8	Portion of federal AGI for other state	PIC NV (11)	11
100	ND-1CR#2	Line 10	Proportional amount of tax from other state	PIC NV (9)	9
101	ND-1CR#2	Line 11	Credit for Part-year residents	PIC NV (9)	9
102	ND-1CR#3	Line 1c	Portion of Federal AGI for ND	PIC NV (11)	11
103	ND-1CR#3	Line 2	Amount from Line 2	PIC NV (11)	11
104	ND-1CR#3	Line 5	Proportional amount of tax	PIC NV (9)	9
105	ND-1CR#3	Line 6	Income tax from other state	PIC NV (9)	9
106	ND-1CR#3	Line 7	Credit for Full-year residents	PIC NV (9)	9
107	ND-1CR#3	Line 8	Portion of federal AGI for other state	PIC NV (11)	11
108	ND-1CR#3	Line 10	Proportional amount of tax from other state	PIC NV (9)	9
109	ND-1CR#3	Line 11	Credit for Part-year residents	PIC NV (9)	9
110	ND-1CR#4	Line 1c	Portion of Federal AGI for ND	PIC NV (11)	11
111	ND-1CR#4	Line 2	Amount from Line 2	PIC NV (11)	11
112	ND-1CR#4	Line 5	Proportional amount of tax	PIC NV (9)	9
113	ND-1CR#4	Line 6	Income tax from other state	PIC NV (9)	9
114	ND-1CR#4	Line 7	Credit for Full-year residents	PIC NV (9)	9
115	ND-1CR#4	Line 8	Portion of federal AGI for other state	PIC NV (11)	11
116	ND-1CR#4	Line 10	Proportional amount of tax from other state	PIC NV (9)	9
117	ND-1CR#4	Line 11	Credit for Part-year residents	PIC NV (9)	9
118	ND-1FA	Line 23	Amount to carry to ND-1	PIC NV (11)	11
119	W-2 #1	Box b	Employer ID	PIC N (9)	9
120	W-2 #1	Box d	Employee SSN	PIC N (9)	9
121	W-2 #1	Box 15	State code for withholding	PIC A (2) "ND"	2
122	W-2 #1	Box 17	ND withholding	PIC NV (11)	11
123	W-2 #2	Box b	Employer ID	PIC N (9)	9
124	W-2 #2	Box d	Employee SSN	PIC N (9)	9
125	W-2 #2	Box 15	State code for withholding	PIC A (2) "ND"	2
126	W-2 #2	Box 17	ND withholding	PIC NV (11)	11
127	W-2 #3	Box b	Employer ID	PIC N (9)	9
128	W-2 #3	Box d	Employee SSN	PIC N (9)	9
129	W-2 #3	Box 15	State code for withholding	PIC A (2) "ND"	2
130	W-2 #3	Box 17	ND withholding	PIC NV (11)	11
131	W-2 #4	Box b	Employer ID	PIC N (9)	9
132	W-2 #4	Box d	Employee SSN	PIC N (9)	9
133	W-2 #4	Box 15	State code for withholding	PIC A (2) "ND"	2
134	W-2 #4	Box 17	ND withholding	PIC NV (11)	11
135	W-2 #5	Box b	Employer ID	PIC N (9)	9
136	W-2 #5	Box d	Employee SSN	PIC N (9)	9
137	W-2 #5	Box 15	State code for withholding	PIC A (2) "ND"	2
138	W-2 #5	Box 17	ND withholding	PIC NV (11)	11
139	W-2 #6	Box b	Employer ID	PIC N (9)	9
140	W-2 #6	Box d	Employee SSN	PIC N (9)	9
141	W-2 #6	Box 15	State code for withholding	PIC A (2) "ND"	2
142	W-2 #6	Box 17	ND withholding	PIC NV (11)	11
143	W-2 #7	Box b	Employer ID	PIC N (9)	9
144	W-2 #7	Box d	Employee SSN	PIC N (9)	9
145	W-2 #7	Box 15	State code for withholding	PIC A (2) "ND"	2
146	W-2 #7	Box 17	ND withholding	PIC NV (11)	11
147	W-2 #8	Box b	Employer ID	PIC N (9)	9
148	W-2 #8	Box d	Employee SSN	PIC N (9)	9
149	W-2 #8	Box 15	State code for withholding	PIC A (2) "ND"	2
150	W-2 #8	Box 17	ND withholding	PIC NV (11)	11
151	W-2 #9	Box b	Employer ID	PIC N (9)	9
152	W-2 #9	Box d	Employee SSN	PIC N (9)	9
153	W-2 #9	Box 15	State code for withholding	PIC A (2) "ND"	2
154	W-2 #9	Box 17	ND withholding	PIC NV (11)	11
155	W-2 #10	Box b	Employer ID	PIC N (9)	9

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Tax Item identifier	Source	Location	Description	Format	Size of field
156	W-2 #10	Box d	Employee SSN	PIC N (9)	9
157	W-2 #10	Box 15	State code for withholding	PIC A (2) "ND"	2
158	W-2 #10	Box 17	ND withholding	PIC NV (11)	11
159	W-2G #1	Box 13	Payer's State Identification No.	PIC N (9)	9
160	W-2G #1	Box 9	Taxpayer SSN	PIC N (9)	9
161	W-2G #1	Box 13	State code for withholding	PIC A (2) "ND"	2
162	W-2G #1	Box 14	ND withholding	PIC NV (11)	11
163	W-2G #2	Box 13	Payer's State Identification No.	PIC N (9)	9
164	W-2G #2	Box 9	Taxpayer SSN	PIC N (9)	9
165	W-2G #2	Box 13	State code for withholding	PIC A (2) "ND"	2
166	W-2G #2	Box 14	ND withholding	PIC NV (11)	11
167	W-2G #3	Box 13	Payer's State Identification No.	PIC N (9)	9
168	W-2G #3	Box 9	Taxpayer SSN	PIC N (9)	9
169	W-2G #3	Box 13	State code for withholding	PIC A (2) "ND"	2
170	W-2G #3	Box 14	ND withholding	PIC NV (11)	11
171	W-2G #4	Box 13	Payer's State Identification No.	PIC N (9)	9
172	W-2G #4	Box 9	Taxpayer SSN	PIC N (9)	9
173	W-2G #4	Box 13	State code for withholding	PIC A (2) "ND"	2
174	W-2G #4	Box 14	ND withholding	PIC NV (11)	11
175	W-2G #5	Box 13	Payer's State Identification No.	PIC N (9)	9
176	W-2G #5	Box 9	Taxpayer SSN	PIC N (9)	9
177	W-2G #5	Box 13	State code for withholding	PIC A (2) "ND"	2
178	W-2G #5	Box 14	ND withholding	PIC NV (11)	11
179	W-2G #6	Box 13	Payer's State Identification No.	PIC N (9)	9
180	W-2G #6	Box 9	Taxpayer SSN	PIC N (9)	9
181	W-2G #6	Box 13	State code for withholding	PIC A (2) "ND"	2
182	W-2G #6	Box 14	ND withholding	PIC NV (11)	11
183	W-2G #7	Box 13	Payer's State Identification No.	PIC N (9)	9
184	W-2G #7	Box 9	Taxpayer SSN	PIC N (9)	9
185	W-2G #7	Box 13	State code for withholding	PIC A (2) "ND"	2
186	W-2G #7	Box 14	ND withholding	PIC NV (11)	11
187	W-2G #8	Box 13	Payer's State Identification No.	PIC N (9)	9
188	W-2G #8	Box 9	Taxpayer SSN	PIC N (9)	9
189	W-2G #8	Box 13	State code for withholding	PIC A (2) "ND"	2
190	W-2G #8	Box 14	ND withholding	PIC NV (11)	11
191	W-2G #9	Box 13	Payer's State Identification No.	PIC N (9)	9
192	W-2G #9	Box 9	Taxpayer SSN	PIC N (9)	9
193	W-2G #9	Box 13	State code for withholding	PIC A (2) "ND"	2
194	W-2G #9	Box 14	ND withholding	PIC NV (11)	11
195	W-2G #10	Box 13	Payer's State Identification No.	PIC N (9)	9
196	W-2G #10	Box 9	Taxpayer SSN	PIC N (9)	9
197	W-2G #10	Box 13	State code for withholding	PIC A (2) "ND"	2
198	W-2G #10	Box 14	ND withholding	PIC NV (11)	11
199	1099 #1		Payer's Federal ID Number	PIC N (9)	9
200	1099 #1		Taxpayer SSN	PIC N (9)	9
201	1099 #1		State code for withholding	PIC A (2) "ND"	2
202	1099 #1		ND withholding	PIC NV (11)	11
203	1099 #2		Payer's Federal ID Number	PIC N (9)	9
204	1099 #2		Taxpayer SSN	PIC N (9)	9
205	1099 #2		State code for withholding	PIC A (2) "ND"	2
206	1099 #2		ND withholding	PIC NV (11)	11
207	1099 #3		Payer's Federal ID Number	PIC N (9)	9
208	1099 #3		Taxpayer SSN	PIC N (9)	9
209	1099 #3		State code for withholding	PIC A (2) "ND"	2
210	1099 #3		ND withholding	PIC NV (11)	11
211	1099 #4		Payer's Federal ID Number	PIC N (9)	9
212	1099 #4		Taxpayer SSN	PIC N (9)	9
213	1099 #4		State code for withholding	PIC A (2) "ND"	2
214	1099 #4		ND withholding	PIC NV (11)	11
215	1099 #5		Payer's Federal ID Number	PIC N (9)	9
216	1099 #5		Taxpayer SSN	PIC N (9)	9
217	1099 #5		State code for withholding	PIC A (2) "ND"	2
218	1099 #5		ND withholding	PIC NV (11)	11

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Tax Item identifier	Source	Location	Description	Format	Size of field
			Trailer	“*EOD*”	5